

21. The polynucleotide of claim 17, wherein the nucleotide sequence comprises the nucleotide sequence of SEQ ID NO:35.

22. The polynucleotide of claim 17, wherein the polypeptide comprises the amino acid sequence of SEQ ID NO:36.

23. A vector comprising the polynucleotide of claim 17.

24. A recombinant DNA construct comprising the polynucleotide of claim 17 operably linked to a regulatory sequence.

25. A method for transforming a cell comprising transforming a cell with the polynucleotide of claim 17.

26. A cell comprising the recombinant DNA construct of claim 24.

27. A method for producing a plant comprising transforming a plant cell with the polynucleotide of claim 17 and regenerating a plant from the transformed plant cell.

28. A plant comprising the recombinant DNA construct of claim 24.

29. A seed comprising the recombinant DNA construct of claim 24.

30. A method for isolating a polypeptide encoded by the polynucleotide of claim 17 comprising isolating the polypeptide from a cell containing a recombinant DNA construct comprising the polynucleotide operably linked to a regulatory sequence.

31. An isolated polynucleotide comprising a first nucleotide sequence, wherein the first nucleotide sequence contains at least 60 nucleotides, and wherein the first nucleotide sequence is comprised by another polynucleotide, wherein the other polynucleotide includes:

- (a) a second nucleotide sequence, wherein the second nucleotide sequence encodes a polypeptide having Myb-related transcription factor activity, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:36 have at least 80% sequence identity based on the Clustal alignment method, or
- (b) the complement of the second nucleotide sequence, wherein the complement and the second nucleotide sequence contain the same number of nucleotides and are 100% complementary.

REMARKS

Claims 1-16 have been cancelled, and claims 17-31 have been added. Claims 17-31 are pending. This application is a divisional of U.S application serial No. 09/452,244 in which Group I R is hereby elected.

Support for the sequence identities recited in the claims is found in Table 6, page 27 of the specification. Support for claims 27-29 is found in Examples 4 and 5, pages 28-31 of the